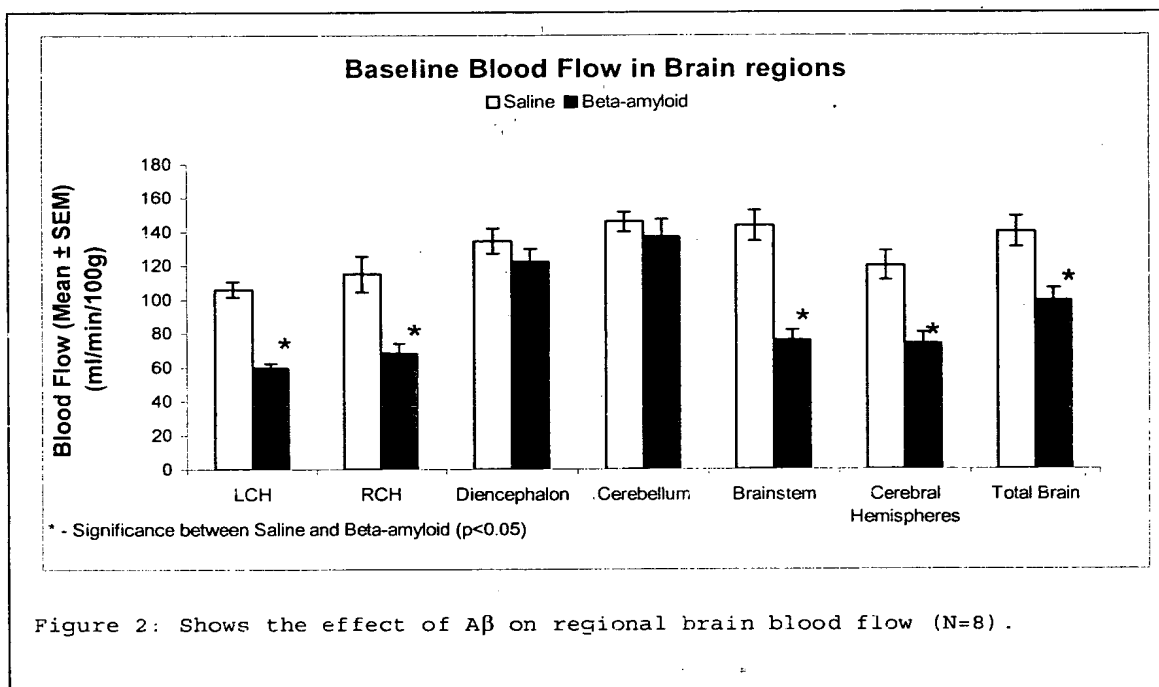


Figure 1



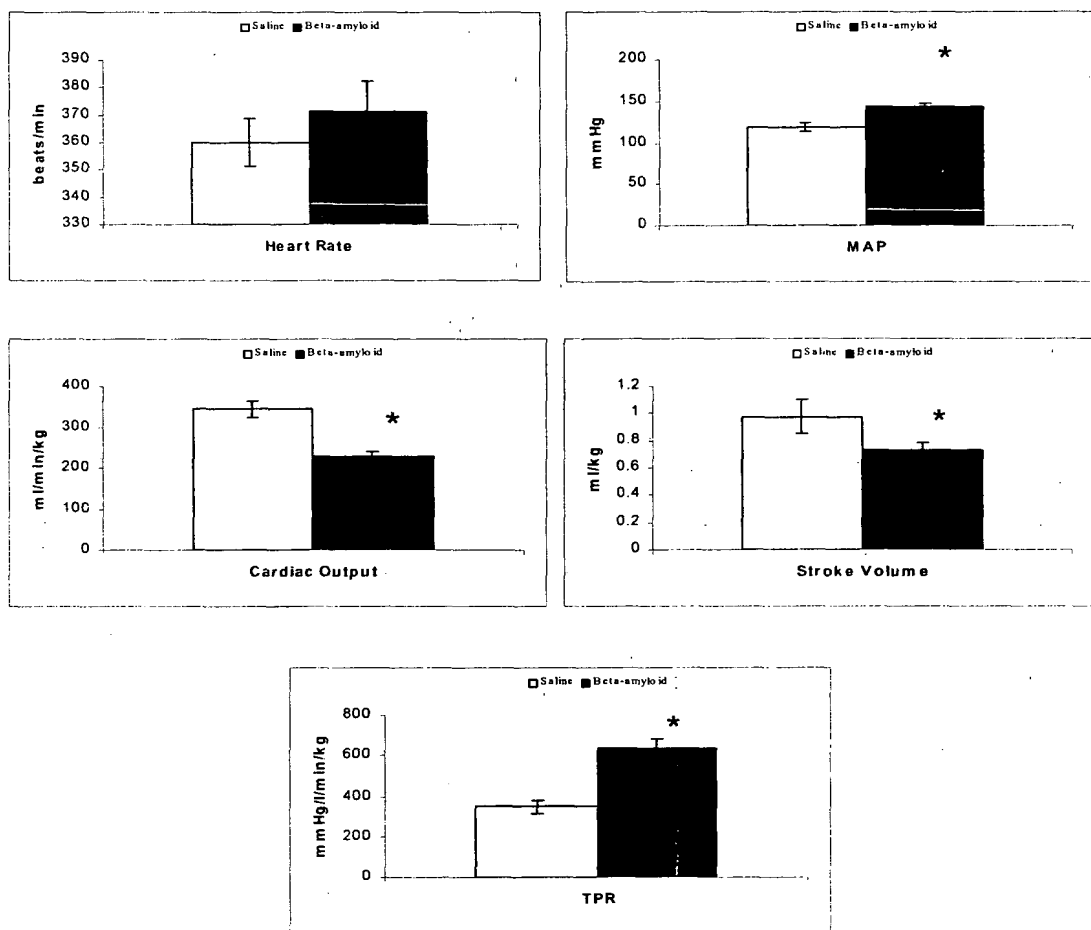


Figure 3: Shows the effect of vehicle (open bars) A $\beta$  (filled bars) on systemic hemodynamics (N=8). MAP=Mean arterial pressure, TPR=Total peripheral vascular resistance.

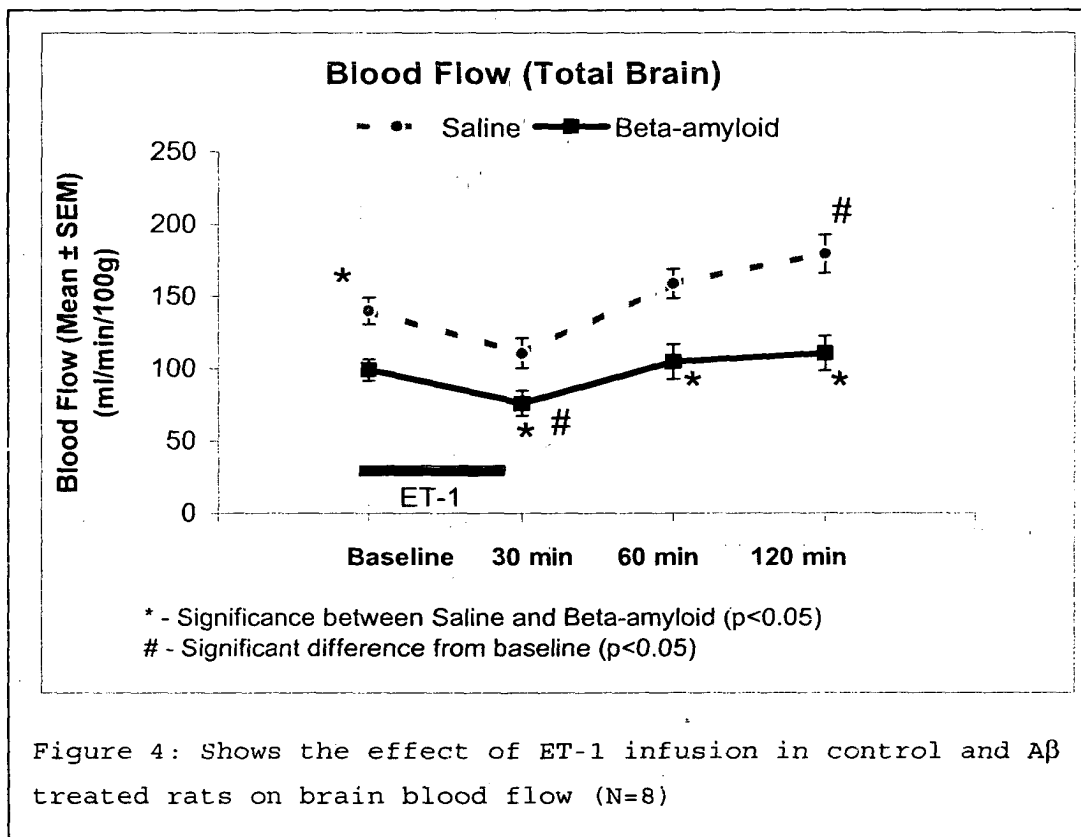


Figure 4: Shows the effect of ET-1 infusion in control and A $\beta$  treated rats on brain blood flow (N=8)

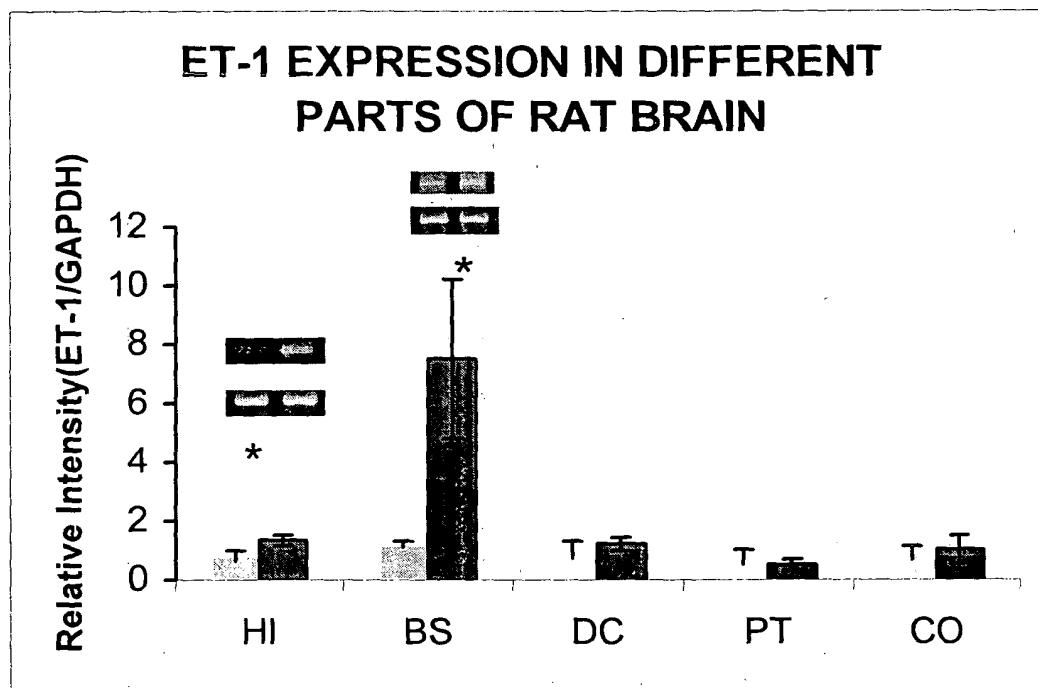


Figure 5: The relative intensity of ET-1 (upper panel)/GAPDH (lower panel) mRNA is shown in hippocampus (HI), brain stem (BS), diencephalons (DC), pituitary (PT) and cerebral cortex (CO) (N=6). ET-1 mRNA expression was determined in control (cross: saline) and A $\beta$  (filled) treated rats by semiquantitative RT-PCR.